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EL997254570US
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December 12, 2003
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1140

GRIFFITHS ET AL.

APPLICATION NO: Not Yet Assigned

FILED: HEREWITH

FOR: NUCLEIC ACID AND AMINO ACID SEQUENCES OF INFECTIOUS
SALMON ANAEMIA VIRUS AND THEIR USES AS VACCINES

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references are of record in parent Application No. 10/049,086 filed May 30, 2002, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,


David L. Marks
Attorney for Applicants
Reg. No. 37,881

Novartis
Corporate Intellectual Property
One Health Plaza, Building 430
East Hanover, NJ 07936-1080
(862) 778-7922
Date: December 12, 2003

(Use several sheets if necessary)

ATTY. DOCKET NO.
VA/H-32318B
APPLICATION NO.
NOT YET ASSIGNED
APPLICANT
GRIFFITHS ET AL.
FILING DATE
HEREWITHGroup
1140**U.S. PATENT DOCUMENTS**

<u>EXAMINER INITIAL</u>		<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
	AA	6,471,964	10/29/02	Biering et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>OFFICE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION YES</u>	<u>TRANSLATION NO</u>
	AM	WO/01/49712	1/3/01	PCT				
	AN	WO/01/66569	9/13/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO/00/72878	12/7/00	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO/02/26784	4/4/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Krossoy B. et al., "The Putative Polymerase Sequence of Infectious Salmon Anemia Virus Suggests a New Genus within the Orthomyxoviridae" Journal of Virology, 73 (3) 2136-42, XP000986368,(1999),
	AS	Blake S. et al., "Genomic Relationships of the North American Isolate of Infectious Salmon Anemia Virus (ISAV) to the Norwegian Strain of ISAV", Dis, Aquat. Org. 35 (2), 139-144, XP000984527, (1999),
	AT	Lovely J.E. et al. "First Identification of Infectious Salmon Virus Anaemia Virus in North America with Haemorrhagic Kidney Syndrome", Diseases of Aquatic Organisms, 35 (2), 145-8, XP000984528, (1999)

EXAMINER **DATE CONSIDERED**

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
VA/H-32318B
APPLICATION NO.
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GRIFFITHS ET AL.
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1140EXAMINER
INITIAL**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	DA	Kibenge et al, "Antigenic Variation Among Isolates of Infectious Salmon Anaemia Virus Correlates with Genetic Variation of the Viral Haemagglutinin Gene", Journal of General Virology, Vol. 82, pp. 2869-2879, (2001)
	DB	Krossoy et al. "Cloning and Identification of the Infectious Salmon Anaemia Virus Haemagglutinin", Journal of General Virology, Vol. 82, pp. 1757-1765, (2001)
	DC	Rimstad et al, "Characterization of the Infectious Salmon Anemia Virus Genomic Segment that Enclosed the Putative Haemagglutinin", Journal of Virology, Vol. 75, No. 11, pp. 5352-5356, (2001)
	DD	Griffiths et al. "Characterization of ISAV Proteins from Cell Culture, Diseases of Aquatic Organisms, Vol. 45, pp. 19-24, (2001)
	DE	Mjaaland et al, "Genomic Characterization of the Virus Causing Infectious Salmon Anemia in Atlantic Salmon (<i>Salmo salar</i> L.): an Orthomyxo-Like Virus in Teleost", Journal of Virology, Vol. 71, No. 10, pp. 7681-7686, (1997)
	DF	Falk et al, "Characterization of Infectious Salmon Anemia Virus an Orthomyzo-Like Virus Isolated from Atlantic Salmon (<i>Salmo salar</i> L.) Journal of Virology, vol. 71, No. 12, pp. 9016-9023, (1997)
	DG	
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	DJ	
	DK	
	DL	
	DM	
	DN	

EXAMINER

DATE CONSIDERED

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